

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number (Emperor's year): 05328705 A

(43) Date of publication of application: 10 . 12 . 93

(51) Int. Cl H02K 49/02

(21) Application number: 04121484

(22) Date of filing: 14 . 05 . 92

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(54) HEAT-INSULATING STRUCTURE OF RETARDER

(57) Abstract:

PURPOSE: To interrupt the temperature rise of field coils by the radiation heat from a rotor side.

CONSTITUTION: In a retarder equipped with magnetic poles 4 comprising field coils 5 wound round the poles and N- and S-poles arranged alternately and with a rotor f forming an eddy plate in a position facing to the magnetic poles 4 and constituted for generating eddy current in the eddy current plate to obtain braking torque, a non-magnetic and high thermal conductivity heat barrier 7 is provided on the eddy current plate side surfaces of the field coils 5 wound round respective magnetic poles 4.

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